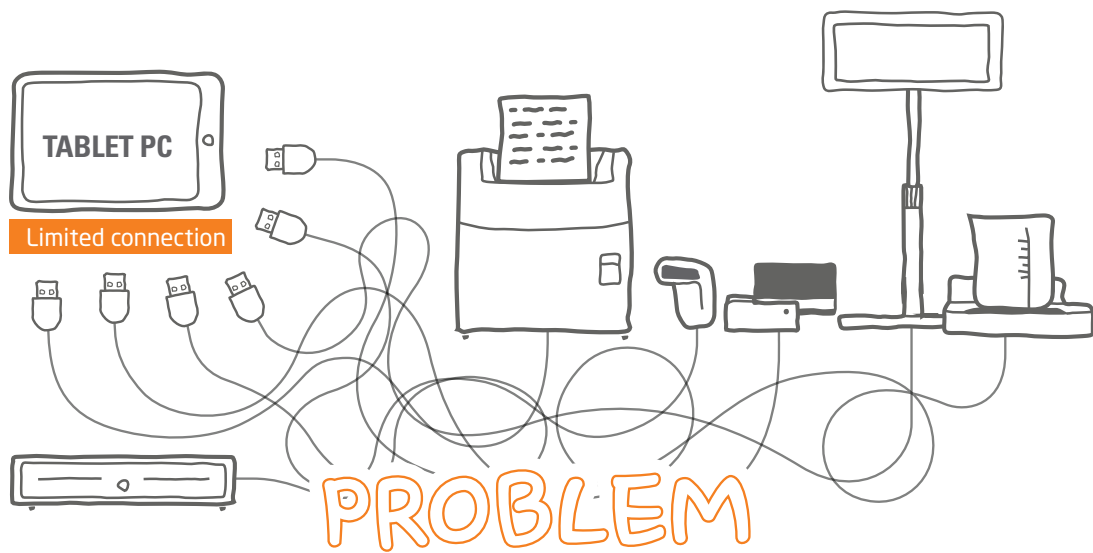




B-gate

your window into mPOS



B-gate is the a simple way to connect all the traditional POS peripherals with your Tablet-base application.

B-gate

Specifications

Print Characteristics

Print Method

Direct Thermal

Print Speed

BGT-100P: 300 mm/sec

BGT-102P: 270 mm/sec

Print Resolution

BGT-100P: 180 dpi

BGT-102P: 203 dpi

Print Width

Up to 72 mm

Sensor

Paper End, Paper Near End, Cover Open

Media Characteristics

Media Type

Receipt

Media Width

80 mm

Optional 58 mm (with 2 inch Partition)

Media Roll Diameter

Up to 83 mm

Media Thickness

0.062 ~ 0.075 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (WxLxD)

145 x 200 x 146 mm

(5.70 x 7.87 x 5.74 inch)

Weight

1.56 kg(3.43 lbs)

Power

EnergyStar Certified,

External Power Adaptor 100-240V AV, 50/60Hz

Drawer Port

2 ports (via y-type adaptor)

Performance Characteristics

Memory

512 Mbit SDRAM, 2Gbit FlashROM

NV Image Memory

768 Kbytes (mono)

Receive Buffer

4 Kbytes

User Define Buffer

12 Kbytes

Interface

Multiple Interface

USB Host 4 ports(Include one USB charging port) &

Device 1 port (V2.0 HS) + Ethernet +

Bluetooth V2.1+ EDR** / WLAN*

* WLAN: 802.11b/g/n USB dongle type (optional)

** Bluetooth: Class 1 (100 m), MFi certified

Environment Characteristics

Temperature

Operating: 0 ~ 40°C (32 ~ 104°F)

Storage: -20 ~ 60°C (-4 ~ 140°F)

Humidity

Operating: 10 ~ 80% RH

Storage: 10 ~ 90% RH

Reliability

Thermal Print Head (TPH)

150 km

Auto Cutter

1.8 Million Cuts

Software

Emulation

BXL / POS

Driver / Utility

Utility Program

SDK

iOS SDK, Android SDK, Windows SDK

Fonts / Graphics / Symbolologies

Character Size

Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24

KOR, CHN, JPN: 24 x 24

Characters Per Line

BGT-100P: - Font A: 42 Font B, C: 56

- KOR, CHN, JPN: 21

BGT-102P: - Font A: 48 Font B, C: 64

- KOR, CHN, JPN: 24

Character Sets

Alphanumeric: 95

Extended Graphics: 128 x 33 page

International: 32

Graphics

Supporting user-defined fonts, graphics, formats, and logos

Barcode Symbolologies

1D: Coda Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E

2D: Data Matrix, PDF417, QR code



Interface for peripherals

- 4 USB Host (Include one USB charging port)
- USB-to-Serial Gender (Consensus required)

Interface for Smart device

- Bluetooth 2.1+EDR
- WLAN (Optional USB dongle)
- USB 2.0 HS

Software

- SDK Package (iOS, Android, Windows)
- Demo Application (Source Code)

Supported peripherals

- Printer
- Customer Display
- MSR, SCR, Barcode Scanner
- Cash Drawer
- Electric Scale
- RFID Reader
- Dallas Key Reader
- NFC Reader
- Sign Pad

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